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Approved For Release 2001/07/16 : CIA-RDP78B04747A002400010018-6

Project #4054

19 October 1964

MEMORANDUM FOR THE RECORD

SUBJECT: Trip to [REDACTED]

25X1A

ATTENDEES: [REDACTED]

25X1A

A visit to [REDACTED] was made this date between the hours of 0830 to 1100 to discuss the Variable Ratio Anamorphic Eyepiece Contract.

25X1A

1. One eyepiece was ready for inspection and it proved to be a great improvement over the existing pair of eyepieces. [REDACTED] has made all the changes that we requested on the last trip (Trip Report dtd 4 Sept. 1964) except they have not completely reduced the anamorphism at the unity setting. The level of anamorphism is very slight at this setting and will probably be accepted as is.

25X1A

2. [REDACTED] added an independent focusing screw to each eyepiece so that each one can be focused relative to the other.

25X1A

3. The monitor returned the original two eyepieces in exchange for the completed one. The remaining two eyepieces should be completed in five weeks or about 30 November 1964.

4. The eyepieces do go out of focus during the anamorphic zoom. This cannot be corrected.

5. There is a small amount of axial astigmatism which [REDACTED] claims is inherent in the use of cylindrical lenses.

25X1A

6. [REDACTED] will add more set screws to prevent loosening of the parts during extended usage.

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7. [REDACTED] claims they will be able to produce additional units for about [REDACTED] pair.

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**Declass Review by NIMA / DoD**

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8. [REDACTED] claims to have a new design which will employ a negative lens in the barrel of the Zoom 70 in conjunction with a positive lens and an eyepiece which protrude only about  $2\frac{1}{2}$  inches out of the Zoom 70. The monitor asked him to send a detailed written proposal on this system and he agreed. It should arrive no later than 15 December 1964. This system would create the problem that the present Zoom 70 eyepieces would not be used but [REDACTED] estimated that the development costs of this system would be less than the present one.

25X1A

9. The Zoom 70 Rhomboid sent to [REDACTED] from [REDACTED] was not repaired at the time of the visit but will be sent to [REDACTED] to be picked up with the projected scale micrometer.

25X1A

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10. The new projected scale micrometer can be modified to enable right hand usage. This will be confirmed through the monitor [REDACTED]

25X1A

11. [REDACTED] will provide a 2" x 2" slide with the final pair of eyepieces.

25X1A

[REDACTED]  
Development Branch, P&DS

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